

Application Serial No.: 10/635,265

<u>Groups</u>	<u>Claims</u>	<u>Subject Matter</u>
I	1-3, 16-17	A method for identifying a compound that modulates the activity of a PAP phosphatase enzyme in vitro.
II	4-15	A method for identifying a compound that modulates activity of a PAP phosphatase enzyme in vivo in recombinant yeast.
III	18-29	A method for identifying a compound that modulates the activity of a sulfur assimilation pathway enzyme in vitro.
IV	30-36 and 40-48	A transgenic animal having incorporated into its genome a gene encoding Bpntase, and the method for using said animal for identifying a compound for treating a toxic effect resulting from a therapeutic treatment.
V	37-39	A transgene construct comprising BPntase gene and a transgenic cell.
VI	49-55	A method for treating lithium-related toxicity in a subject suffering from said toxicity.
VII	56-62	A computer method of identifying a compound that modulates the activity of BPntase.

APPLICANTS' ELECTION

Applicants hereby elect the invention of Group III, claims 18 through 29, drawn to a method for identifying a compound that modulates activity of a sulfur assimilation pathway enzyme in vitro, for prosecution at this time.

REMARKS

Claims 1-62 are now pending in the subject U.S. patent application. Claims 1-62 as filed have been subjected to a Restriction/Election Requirement.

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In response to the Restriction/Election Requirement, applicants have elected the claims of Group III, claims 18-29, for prosecution at this time.

Applicants hereby reserve the right to file one or more divisional patent applications directed to the unelected subject matter.

CONCLUSIONS

Should there be any minor issues outstanding in this matter, the Examiner is respectfully requested to telephone the undersigned attorney. Early passage of the subject application to issue is earnestly solicited.

DEPOSIT ACCOUNT

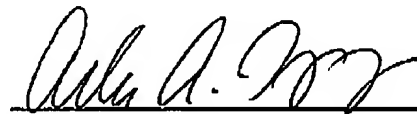
The Commissioner is hereby authorized to charge any fees associated with the filing of this correspondence to Deposit Account Number 50-0426.

Respectfully submitted,

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Date: 01/13/2006

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